098

STATE OF UTAH
DEPARTMENT OF SOCIAL SERVICES
DIVISION OF HEALTH

1978

WASTEWATER DISPOSAL REGULATIONS

PART II
STANDARDS OF QUALITY FOR WATERS OF THE STATE

Adopted By
Utah Water Pollution Control Board May 18, 1965
Utah State Board of Health May 19, 1965

Revised by Action of the Boards June 2, 1967 and June 21, 1967

Further Revised by Action of the Utah Water Pollution Committee November 18, 1968 and September 13, 1978, and by Action of the Utah State Board of Health November 20, 1968 and October 23, 1978

Under Authority of
26-15-4 & 5 and 73-14-1 through 13
Utah Code Annotated 1953, as Amended

Certified Official Copy
Utah State Division of Health

By Lyman J. Olsen

Lyman J. Olsen, M.D., M.P.H.
Director of Health

1896

INTRODUCTION

This is Part II of five parts comprising "Wastewater Disposal Regulations" of the Utah State Division of Health.

The entire set consists of the following:

PART I - DEFINITIONS AND GENERAL REQUIREMENTS

PART II - STANDARDS OF QUALITY FOR WATERS OF THE STATE

PART III - SEWERS AND WASTEWATER TREATMENT WORKS

PART IV - INDIVIDUAL WASTEWATER DISPOSAL SYSTEMS

PART V - SMALL UNDERGROUND WASTEWATER DISPOSAL SYSTEMS

All have been adopted by both the Utah Water Pollution Committee and the Utah State Board of Health with the purpose of coordinating and consolidating the authority and action of the Committee and Board in areas relating to control of water pollution and maintenance of a healthful environment.

The definitions appearing in PART I apply throughout and are not repeated.

The initial document covering the subject of standards of water quality for classification of state waters was adopted by the Utah Water Pollution Control Board (later renamed "Water Pollution Committee") in 1955 under the title "The Standards of Quality and the Regulations for Water Classifications".

It was revised in 1960, 1965, 1967 and 1968. Some requirements of the Federal Water Pollution Control Act were incorporated in 1967.

The current revision (1978) was made to accomplish Utah program needs and to meet requirements of the present Federal Act.

Throughout this document the term "shall" means a mandatory requirement. The terms "should", "recommend" and "preferred" mean a desirable standard.

Issuance of construction permits based on plans reviewed by the Division will not relieve any person of responsibility to meet all requirements of these regulations.

CONTENTS

2.0 PUBLIC POLICY

Whereas the pollution of the waters of this state constitute a menace to public health and welfare, creates public nuisances, is harmful to wildlife, fish and aquatic life, and impairs domestic, agricultural, industrial, recreational and other legitimate beneficial uses of water, and whereas such pollution is contrary to the best interests of the state and its policy for the conservation of the water resources of the state, it is hereby declared to be the public policy of this state to conserve the waters of the state and to protect, maintain and improve the quality thereof for public water supplies, for the propagation of wildlife, fish and aquatic life, and for domestic, agricultural, industrial, recreational and other legitimate beneficial uses; to provide that no waste be discharged into any waters of the state without first being given the degree of treatment necessary to protect the legitimate beneficial uses of such waters; to provide for the prevention, abatement and control of new or existing water pollution; to place first in priority those control measures directed toward elimination of pollution which creates hazards to the public health; to insure due consideration of financial problems imposed on water polluters through pursuit of these objectives; and to cooperate with other agencies of the state, agencies of other states and the federal government in carrying out these objectives. (Section 73-14-1, Utah Code Annotated 1953, as amended).

2.1 AUTHORITY

These standards are promulgated pursuant to Sections 73-14-1 through 73-14-13 and Sections 26-15-4 and 26-15-5, Utah Code Annotated 1953, as amended.

2.2 SCOPE

These standards shall apply to all waters of the state and shall be assigned to specific waters through the classification procedures prescribed by Section 73-14-6, Utah Code Annotated 1953, as amended. (See also Section 2.6 of these regulations).

2.3 ANTI-DEGRADATION POLICY

2.3.1 Maintenance of Water Quality

Waters whose existing quality is better than the established standards for the designated uses will be maintained at high quality unless it is determined by the Committee that a change is justifiable as a result

of necessary economic or social development. However, existing instream water uses shall be maintained and protected. No water quality degradation is allowable which would interfere with or become injurious to existing instream water uses.

2.3.2 Anti-degradation Segments

Waters of high quality which serve, or which may be reasonably expected to serve, as raw water sources for drinking water supplies or which have been determined by the Committee to be a State or National resource requiring protection shall be maintained at existing high quality through designation, by the Committee after public hearing, as anti-degradation segments. New point source discharges of wastewater, treated or otherwise, are prohibited in such segments after the effective date of designation. Protection of such segments from pathogens in diffuse, underground sources is covered in PARTS IV and V of these regulations. Other diffuse sources (non-point sources) of wastes shall be controlled to the extent feasible through implementation of best management practices or regulatory programs.

Projects such as, but not limited to, construction of dams or roads will be considered in anti-degradation segments on a case-by-case basis where pollution will result only during the actual construction activity, and where best management practices will be employed to minimize pollution effects.

Waters of the state designated as anti-degradation segments are listed in Appendix C.

2.4 COLORADO RIVER SALINITY STANDARDS

In addition to quality protection afforded by these regulations to waters of the Colorado River and its tributaries, such waters shall be protected also by requirements of "Proposed Water Quality Standards for Salinity Including Numeric Criteria and Plan of Implementation for Salinity Control, Colorado River System, June 1975" and a supplement dated August 26, 1975, entitled "Supplement, Including Modifications to Proposed Water Quality Standards for Salinity Including Numeric Criteria and Plan of Implementation for Salinity Control, Colorado River System, June 1975", as approved by the seven Colorado River Basin States and the U.S. Environmental Protection Agency.

2.5 MIXING ZONES

A mixing zone is a limited portion of a body of water, contiguous to a discharge, where dilution is in progress but has not yet resulted in concentrations which will meet standards for all pollutants. Mixing zones may be delineated for the purpose of

guiding sample collection procedures. The zone shall be small in extent and must not form a barrier to migrating aquatic life. Domestic wastewater effluents discharged to mixing zones shall meet effluent requirements specified in Section 1.3 of these regulations.

2.6 USE DESIGNATIONS

The Committee and Board, as required by 73-14-6 and 63-46-1 through 13, Utah Code Annotated 1953, as amended, shall group the waters of the state into classes so as to protect against controllable pollution the beneficial uses designated within each class as set forth below. Waters of the state are hereby classified as shown in Appendix B.

2.6.1 Class 1 -- protected for use as a raw water source for domestic water systems.

a. Class 1A -- protected for domestic purposes without treatment.

b. Class 1B -- protected for domestic purposes with prior disinfection.

c. Class 1C -- protected for domestic purposes with prior treatment by standard complete treatment processes as required by the Utah State Division of Health.

2.6.2 Class 2 -- protected for in-stream recreational use and aesthetics.

a. Class 2A -- protected for recreational bathing (swimming).

b. Class 2B -- protected for boating, water skiing, and similar uses, excluding recreational bathing (swimming).

2.6.3 Class 3 -- protected for in-stream use by beneficial aquatic wildlife.

a. Class 3A -- protected for cold water species of game fish and other cold water aquatic life, including the necessary aquatic organisms in their food chain.

b. Class 3B -- protected for warm water species of game fish and other warm water aquatic life, including the necessary aquatic organisms in their food chain.

c. Class 3C -- protected for non-game fish and other aquatic life, including the necessary aquatic organisms in their food chain. Standards for this class will be determined on a case-by-case basis. (See Appendix D).

d. Class 3D -- protected for waterfowl, shorebirds and other water-oriented wildlife not included in Classes 3A, 3B, or 3C, including the necessary aquatic organisms in their food chain.

2.6.4 Class 4 -- protected for agricultural uses including irrigation of crops and stockwatering.

2.6.5 Class 5 -- protected for industrial uses including cooling, boiler make-up, and others with potential for human contact or exposure. Standards for this class will be determined on a case-by-case basis.

2.6.6 Class 6 -- protected for uses of waters not generally suitable for the uses identified in Sections 2.6.1 through 2.6.5, above. Standards for this class will be determined on a case-by-case basis.

2.7 WATER QUALITY STANDARDS

2.7.1 Application of Standards

The standards listed in Appendix A shall apply to each of the classes assigned to waters of the State as specified in Section 2.6 of these regulations. It shall be unlawful and a violation of these regulations for any person to discharge or place any wastes or other substances in such manner as may interfere with designated uses protected by assigned classes or to cause any of the applicable standards to be violated, except as provided in Section 1.3.1.

2.7.2 Narrative Standards

It shall be unlawful, and a violation of these regulations, for any person to discharge or place any waste or other substance in such a way as will be or may become offensive such as unnatural deposits, floating debris, oil, scum or other nuisances such as color, odor or taste; or conditions which produce undesirable aquatic life or which produce objectionable tastes in edible aquatic organisms; or concentrations or combinations of substances which produce undesirable physiological responses in desirable resident fish, or other desirable aquatic life, as determined by bio-assay or other tests performed in accordance with standard procedures determined by the Committee.

2.8 PROTECTION OF DOWNSTREAM USES

All actions to control waste discharges under these regulations shall be modified as necessary to protect downstream designated uses.

2.9 INTERMITTENT WATERS

Failure of a stream to meet water quality standards when stream flow is either unusually high or less than the 7-day, 10-year

minimum flow shall not be cause for action against persons discharging wastes which meet both the requirements of PART I of these regulations and the requirements of applicable permits.

2.10 LABORATORY AND FIELD ANALYSES

2.10.1 Laboratory Analyses

All laboratory examinations of samples collected to determine compliance with these regulations shall be performed in accordance with standard procedures by the Utah Division of Health Laboratories or by a laboratory certified by the Utah Division of Health.

2.10.2 Field Analyses

All field analyses to determine compliance with these regulations shall be conducted in accordance with standard procedures specified by the Utah Division of Health.

2.11 PUBLIC PARTICIPATION

Public hearings will be held to review all proposed revisions of water quality standards, designations and classifications, and public meetings will be held for case-by-case consideration of discharge requirements set to protect water uses under assigned classifications. All meetings shall comply with the provisions of Section 63-46-1 through 13, Utah Code Annotated 1953, as amended.

APPENDIX A

NUMERICAL STANDARDS FOR PROTECTION OF
BENEFICIAL USES OF WATER

Constituent	CLASSES											
	Domestic Source			Recreation & Aesthetics		Aquatic Wildlife				Agri-culture	Indus-try	Special
	1A	1B	1C	2A	2B	3A	3B	3C	3D	4	5	6
Bacteriological (No./100 ml)												
(30-day Geometric Mean) Maximum Total Coliforms	1	50	5,000	1,000	5,000	*	*		*	*		
Maximum Fecal Coliforms	*	8	2,000	200	2,000	*	*		*	*		
Physical												
Total Dissolved Gasses	*	*	*	*	*	(b)	(b)		*	*		
Minimum DO (mg/l) (a)	*	*	5.5	5.5	5.5	6.0	5.5		5.5	*		
Maximum Temperature	*	*	*	*	*	20°C	27°C		*	*		
Maximum Temp. Change	*	*	*	*	*	2°C	4°C		*	*		
pH	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0		6.5-9.0	6.5-9.0		
Turbidity increase (c)	*	*	*	10 NTU	10 NTU	10 NTU	10 NTU		15 NTU	*		
Chemical (Maximum mg/l)												
Arsenic, dissolved	.05	.05	.05	*	*	*	*		*	.1		
Barium, dissolved	1	1	1	*	*	*	*		*	*		
Cadmium, dissolved	.010	.010	.010	*	*	.0004(d)	.004(d)		*	.01		
Chromium, dissolved	.05	.05	.05	*	*	.10	.10		.10	.10		
Copper, dissolved	*	*	*	*	*	.01	.01		*	.2		
Cyanide	*	*	*	*	*	.005	.005		*	*		
Iron, dissolved	*	*	*	*	*	1.0	1.0		1.0	*		
Lead, dissolved	.05	.05	.05	*	*	.05	.05		*	*		
Mercury, total	.002	.002	.002	*	*	.00005	.00005		.00005	.1		
Phenol	*	*	*	*	*	.01	.01		*	*		
Selenium, dissolved	.01	.01	.01	*	*	.05	.05		*	.05		
Silver, dissolved	.05	.05	.05	*	*	.01	.01		*	*		
Zinc, dissolved	*	*	*	*	*	.05	.05		*	*		
NH_3 as N (un-ionized)	*	*	*	*	*	.02	.02		*	*		
Chlorine	*	*	*	*	*	.002	.01		*	*		
Fluoride, dissolved (e)	1.4-2.4	1.4-2.4	1.4-2.4	*	*	*	*		*	*		
NO_3 as N	10	10	10									
Boron, dissolved	*	*	*	*	*	*	*		*	.75		
H_2S	*	*	*	*	*	.002	.002		*	*		
TDS (f)	*	*	*	*	*	*	*		*	1200		
Radiological (Maximum pCi/l)												
Gross Alpha	15	15	15	*	*	15(g)	15(g)		15(g)	15(g)		
Radium 226, 228 combined	5	5	5	*	*	*	*		*	*		
Strontium 90	8	8	8	*	*	*	*		*	*		
Tritium	20,000	20,000	20,000	*	*	*	*		*	*		
Pesticides (Maximum ug/l)												
Endrin	.2	.2	.2	*	*	.004	.004		.004	*		
Lindane	4	4	4	*	*	.01	.01		.01	*		
Methoxychlor	100	100	100	*	*	.03	.03		.03	*		
Toxaphene	5	5	5	*	*	.005	.005		.005	*		
2, 4-D	100	100	100	*	*	*	*		*	*		
2, 4, 5-TP	10	10	10	*	*	*	*		*	*		
Pollution Indicators (g)												
Gross Beta (pCi/l)	50	50	50	*	*	50	50		50	50		
BOD (mg/l)	*	*	5	5	5	5	5		5	5		
NO_3 as N (mg/l)				4	4	4	4		*	*		
PO_4 as P (mg/l)(h)	*	*	*	.05	.05	.05	.05		*	*		

STANDARDS WILL BE DETERMINED ON A CASE-BY-CASE BASIS (SEE APPENDIX D)

STANDARDS WILL BE DETERMINED ON A CASE-BY-CASE BASIS

STANDARDS WILL BE DETERMINED ON A CASE-BY-CASE BASIS

* Insufficient evidence to warrant the establishment of numerical standard. Limits assigned on case-by-case basis.

(a) These limits are not applicable to lower water levels in deep impoundments.

(b) Not to exceed 110% of saturation.

(c) For Classes 2A, 2B, 3A, and 3B at background levels of 100 NTUs or greater, a 10% increase limit will be used instead of the numeric values listed. For Class 3D at background levels of 150 NTUs or greater, a 10% increase limit will be used instead of the numeric value listed. Short term variances may be considered on a case-by-case basis.

(d) Limit shall be increased threefold if $CaCO_3$ hardness in water exceeds 150 mg/l.

(e) Maximum concentration varies according to the daily maximum mean air temperature.

Temp. °C	mg/l
12.0 and below	2.4
12.1 to 14.6	2.2
14.7 to 17.6	2.0
17.7 to 21.4	1.8
21.5 to 26.2	1.6
26.3 to 32.5	1.4

(f) Total dissolved solids (TDS) limit may be adjusted on a case-by-case basis.

(g) Investigations should be conducted to develop more information where these pollution indicator levels are exceeded.

(h) PO_4 as P(mg/l) limit for lakes and reservoirs shall be .025.

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
UPPER COLORADO RIVER BASIN								
COLORADO RIVER DRAINAGE								
Paria River and tributaries, from state line to headwaters			X			X		X
Escalante River and tributaries, from Lake Powell to confluence with Boulder Creek			X			X		
Escalante River and tributaries, from confluence with Boulder Creek, including Boulder Creek, to headwaters			X	X				X
Dirty Devil River and tributaries, from Lake Powell to Fremont River						X		
Fremont River and tributaries, from confluence with Muddy River to Capitol Reef National Monument						X		X
Fremont River and tributaries, through Capitol Reef National Park to headwaters	X			X				X
Pleasant Creek and tributaries, from confluence with Fremont River to East boundary of Capitol Reef National Park						X		
Pleasant Creek and tributaries, from East boundary of Capitol Reef National Park to headwaters				X				
Muddy River and tributaries, from confluence with Fremont River to Highway U-10 crossing						X		X
Muddy River and tributaries, from Highway U-10 crossing to headwaters				X				X
Quitchupah Creek and tributaries, from Highway U-10 crossing to headwaters				X				X
San Juan River and tributaries, from Lake Powell to state line except as listed below	X		X		X			X
Johnson Creek and tributaries, from confluence with Recapture Creek to headwaters	X			X				X
Verdure Creek and tributaries, from Highway U-47 crossing to headwaters				X				X
North Creek and tributaries, from confluence with Montezuma Creek to headwaters	X			X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
UPPER COLORADO RIVER BASIN (continued)								
COLORADO RIVER DRAINAGE (continued)								
South Creek and tributaries, from confluence with Montezuma Creek to headwaters				X				X
Spring Creek and tributaries, from confluence with Vega Creek to headwaters				X				X
Montezuma Creek and tributaries, upstream from Monticello	X			X				X
Colorado River, from Lake Powell to state line	X		X		X			X
Indian Creek and tributaries, from confluence with Colorado River to Indian Creek State Park					X			X
Indian Creek and tributaries, through Indian Creek State Park to headwaters				X				X
Kane Canyon Creek and tributaries, from confluence with Colorado River to headwaters						X		X
Mill Creek and tributaries, from confluence with Colorado River to headwaters				X				X
Dolores River and tributaries, from confluence with Colorado River to state line			X			X		X
Roc Creek and tributaries, from confluence with Dolores River to headwaters				X				X
LaSal Creek and tributaries, from state line to headwaters				X				X
Lion Canyon Creek and tributaries, from state line to headwaters				X				X
Little Dolores River and tributaries, from confluence with Colorado River to state line						X		X
Bitter Creek and tributaries, from confluence with Colorado River to headwaters						X		X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
UPPER COLORADO RIVER BASIN (continued)								
GREEN RIVER DRAINAGE								
Green River and tributaries, from confluence with Colorado River to state line except as listed below:	X		X		X			X
San Rafael River and tributaries, from confluence with Green River to confluence with Ferron Creek						X		X
Ferron Creek and tributaries, from confluence with San Rafael River to Millsite Reservoir						X		X
Ferron Creek and tributaries, from Millsite Reservoir to headwaters	X			X				X
Huntington Creek and tributaries, from confluence with Cottonwood Creek to Highway U-10 crossing						X		X
Huntington Creek and tributaries, from Highway U-10 crossing to headwaters	X			X				X
Cottonwood Creek and tributaries, from confluence with Huntington Creek to Highway U-57 crossing.								X
Cottonwood Creek and tributaries, from Highway U-57 crossing to headwaters	X			X				X
Cottonwood Canal, Emery County	X							X
Price River and tributaries, from confluence with Green River to Castle Gate below Price City Water Treatment Plant intake.						X		X
Price River and tributaries, from Castle Gate below Price City Water Treatment Plant intake to headwaters	X			X				X
Grassy Trail Creek and tributaries, from Grassy Trail Creek Dam to headwaters	X			X				X
Range Creek and tributaries, from confluence with Green River to Range Creek Pumping Station.				X				X
Range Creek and tributaries, from Range Creek Pumping Station to headwaters	X			X				X
Nine Mile Creek and tributaries, from confluence with Green River to headwaters				X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
UPPER COLORADO RIVER BASIN (continued)								
GREEN RIVER DRAINAGE (continued)								
Pariette Draw and tributaries, from confluence with Green River to headwaters					X		X	X
Willow Creek and tributaries (Uintah County), from confluence with Green River to headwaters						X		X
White River and tributaries, from confluence with Green River to state line						X		X
Duchesne River and tributaries, from confluence with Green River to Myton Water Treatment Plant intake					X			X
Duchesne River and tributaries, from Myton Water Treatment Plant intake to headwaters	X			X				X
Uinta River and tributaries, from confluence with Duchesne River to Highway US-40 crossing					X			X
Uinta River and tributaries, from Highway US-40 crossing to headwaters				X				X
Lake Fork River and tributaries, from confluence with Duchesne River to headwaters	X			X				X
Lake Fork Canal from Dry Gulch Canal diversion to Moon Lake	X							X
Dry Gulch Canal, from Myton Water Treatment Plant to Lake Fork Canal	X							X
Whiterocks River and Canal, from Tridell Water Treatment Plant to headwaters	X							X
Ashley Creek and tributaries, from confluence with Green River to 5th North Street in Vernal					X			X
Ashley Creek and tributaries, from Steinaker diversion to headwaters				X				X
Big Brush Creek and tributaries, from confluence with Green River to Tyzack (Red Fleet) Dam					X			X
Big Brush Creek and tributaries, from Tyzack (Red Fleet) Dam to headwaters				X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC WILDLIFE				AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
UPPER COLORADO RIVER BASIN (continued)								
GREEN RIVER DRAINAGE (continued)								
Jones Hole Creek and tributaries, from confluence with Green River to headwaters				X				
Diamond Gulch Creek and tributaries, from confluence with Green River to headwaters				X				X
Pot Creek and tributaries, from Crouse Reservoir to headwaters				X				X
Green River and tributaries, from state line to Flaming Gorge Dam except as listed below:			X	X				X
Crouse Creek and tributaries, from confluence with Green River to headwaters				X				X
Willow Creek and tributaries, from confluence with Green River (Daggett County) to headwaters				X				X
Sears Creek and tributaries, Daggett County				X				
Tolivers Creek and tributaries, Daggett County				X				
Red Creek and tributaries, from confluence with Green River to state line				X				X
Jackson Creek and tributaries, Daggett County				X				
Davenport Creek and tributaries, Daggett County				X				
Goslin Creek and tributaries, Daggett County				X				
Gorge Creek and tributaries, Daggett County				X				
Beaver Creek and tributaries, Daggett County				X				
O-Wi-Yu-Kuts Creek and tributaries, Daggett County				X				

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC WILDLIFE				AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
UPPER COLORADO RIVER BASIN(continued)								
GREEN RIVER DRAINAGE (continued)								
Cart Creek and tributaries, from Flaming Gorge Reservoir to headwaters				X				
Eagle Creek and tributaries, from Flaming Gorge Reservoir to headwaters				X				
Carter Creek and tributaries, from Flaming Gorge Reservoir to headwaters				X				
Sheep Creek and tributaries, from Flaming Gorge Reservoir to headwaters				X				X
Birch Spring Draw and tributaries, from Flaming Gorge Reservoir to headwaters						X		X
Spring Creek and tributaries, from Flaming Gorge Reservoir to headwaters				X				
Birch Creek and tributaries, from state line to headwaters				X				X
Burnt Fork and tributaries, from state line to headwaters				X				X
Middle Fork Beaver Creek and tributaries, from state line to headwaters				X				X
West Fork Beaver Creek and tributaries, from state line to headwaters				X				X
Henry's Fork and tributaries, from state line to headwaters				X				X
East Smith's Fork and tributaries, from state line to headwaters				X				
Gilbert Creek and tributaries, from state line to headwaters				X				
West Smith's Fork Creek and tributaries from state line to headwaters				X				
Archie Creek and tributaries, from state line to headwaters				X				

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
UPPER COLORADO RIVER BASIN (continued)								
GREEN RIVER DRAINAGE (continued)								
Willow Creek and tributaries, from state line to headwaters (Summit County)				X				
Black's Fork River and tributaries, from Hacks Cabin Reservoir to headwaters				X				
Little West Fork Black's Fork and tributaries from state line to headwaters				X				
LOWER COLORADO RIVER BASIN								
VIRGIN RIVER DRAINAGE								
Virgin River and tributaries, from state line to headwaters except as listed below:						X		X
Santa Clara River and tributaries, from Gunlock Reservoir to headwaters	X			X				X
North Fork Ash Creek, from Ash Creek Reservoir to headwaters				X				X
Leed's Creek, from confluence with Virgin River to headwaters				X				X
North Fork Virgin River and tributaries				X				X
East Fork Virgin River, from town of Glendale to headwaters				X				X
Kolob Creek, from confluence with Virgin River to headwaters				X				X
KANAB CREEK DRAINAGE								
Kanab Creek and tributaries, from state line to irrigation diversion at confluence with Reservoir Canyon						X		X
Kanab Creek and tributaries, from irrigation diversion at confluence with Reservoir Canyon to headwaters				X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
BEAR RIVER BASIN								
BEAR RIVER DRAINAGE								
Bear River and tributaries, from Great Salt Lake to Utah-Idaho border			X		X		X	X
Box Elder Creek, from Brigham City Reservoir to headwaters				X				X
Malad River and tributaries, from confluence with Bear River to state line						X		
Little Bear River and tributaries, from Cutler Reservoir to headwaters				X			X	X
Logan River and tributaries, from Cutler Reservoir to headwaters				X			X	X
Blacksmith Fork and tributaries, from confluence with Logan River to headwaters				X				X
Newton Creek and tributaries, from Cutler Reservoir to Newton Reservoir					X			X
Clarkston Creek and tributaries, from Newton Reservoir to headwaters					X			X
Birch Creek and tributaries, from confluence with Clarkston Creek to headwaters				X				X
Summit Creek and tributaries, from confluence with Bear River to headwaters				X				X
Cub River and tributaries, from confluence with Bear River to state line except as listed below:					X			X
High Creek and tributaries, from confluence with Cub River to headwaters				X				X
Swan Springs, tributary to Swan Creek	X							
Swan Creek and tributaries, from Bear Lake to headwaters				X				X
Big Creek and tributaries, from Bear Lake to headwaters			X	X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
BEAR RIVER BASIN (continued)								
BEAR RIVER DRAINAGE (continued)								
Bear River and tributaries in Rich County				X				X
Bear River and tributaries, from Utah-Wyoming state line to headwaters (Summit County)				X				X
Hill Creek and tributaries, from state line to headwaters (Summit County)				X				X
WEBER RIVER BASIN								
WEBER RIVER DRAINAGE								
Weber River, from Great Salt Lake to Slaterville diversion						X	X	X
Weber River and tributaries, from Slaterville diversion to Stoddard diversion				X				X
Weber River and tributaries, from Stoddard diversion to headwaters	X			X				X
Strongs Canyon Creek and tributaries, from U.S. National Forest boundary to headwaters	X			X				X
Burch Creek and tributaries, from Harrison Boulevard in Ogden to headwaters	X			X				
Spring Creek and tributaries, from U.S. National Forest boundary to headwaters	X			X				
Ogden River and tributaries, from confluence with Weber River to Pineview Dam				X				X
All tributaries to Pineview Reservoir including those listed below:	X			X				X
North Fork of Ogden River	X			X				X
Middle Fork of Ogden River	X			X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
WEBER RIVER BASIN (continued)								
WEBER RIVER DRAINAGE (continued)								
South Fork of Ogden River	X			X				X
UTAH LAKE-JORDAN RIVER BASIN								
JORDAN RIVER DRAINAGE								
Jordan River, from Farmington Bay to North Temple Street, Salt Lake City			X			X	X	X
Jordan River, from North Temple Street in Salt Lake City to confluence with Little Cottonwood Creek			X		X			X
Jordan River from confluence with Little Cottonwood Creek to Narrows Diversion			X	X				X
Jordan River, from Narrows Diversion to Utah Lake			X		X			X
City Creek, from Memory Park in Salt Lake City to City Creek Water Treatment Plant			X	X				
City Creek, from City Creek Water Treatment Plant to headwaters	X			X				
Parley's Creek and tributaries, from 1300 East in Salt Lake City to Mountain Dell Reservoir			X			X		
Parley's Creek and tributaries, from Mountain Dell Reservoir to headwaters	X			X				
Emigration Creek and tributaries, from Foothill Boulevard in Salt Lake City to headwaters				X				
Red Butte Creek and tributaries, from Red Butte Reservoir to headwaters	X			X				
Hill Creek and tributaries, from confluence with Jordan River to headwaters				X				X
Big Cottonwood Creek and tributaries, from confluence with Jordan River to Big Cottonwood Water Treatment Plant			X	X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
UTAH LAKE - JORDAN RIVER BASIN (continued)								
JORDAN RIVER DRAINAGE (continued)								
Big Cottonwood Creek and tributaries, from Big Cottonwood Water Treatment Plant to headwaters	X			X				
Little Cottonwood Creek and tributaries, from confluence with Jordan River to Metropolitan Water Treatment Plant				X				X
Little Cottonwood Creek and tributaries, from Metropolitan Water Treatment Plant to headwaters	X			X				
Bell Canyon Creek and tributaries, from lower Bell's Canyon reservoir to headwaters	X			X				
Little Willow Creek and tributaries, from Draper Irrigation Company diversion to headwaters	X			X				
South Fork of Dry Creek and tributaries, from Draper Irrigation Company diversion to headwaters	X			X				
All permanent streams on east slope of Oquirrh Mountains (Coon, Barney's, Bingham, and Butterfield Creeks)				X				X
PROVO RIVER DRAINAGE								
Provo River and tributaries, from Utah Lake to Murdock Diversion			X	X				X
Provo River and tributaries, from Murdock Diversion to headwaters	X		X	X				X
Jordan Aqueduct from Jordan Valley Water Treatment Plant to Murdock Diversion	X							X
Upper Falls drainage above Provo City diversion	X			X				
Bridal Veil Falls drainage above Provo City diversion	X			X				
Lost Creek and tributaries above Provo City diversion	X			X				

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
UTAH LAKE - JORDAN RIVER BASIN (continued)								
UTAH LAKE DRAINAGE								
American Fork Creek and tributaries, from diversion at mouth of American Fork Canyon to headwaters				X				X
Spanish Fork River and tributaries, from Utah Lake to diversion at Moark Junction					X		X	X
Spanish Fork River and tributaries, from diversion at Moark Junction to headwaters				X				X
Spring Creek and tributaries, from Utah Lake near Lehi to headwaters				X				X
Lindon Hollow Creek and tributaries, from Utah Lake to headwaters					X			X
25 → Mill Race Creek and tributaries, from Utah Lake to headwaters					X			X
X Spring Creek and tributaries, from Utah Lake (Provo Bay) to headwaters				X				
Hobble Creek and tributaries, from Utah Lake to headwaters				X				X
X Dry Creek and tributaries, from Utah Lake to headwaters					X			X
29 → Benjamin Slough and tributaries, from Utah Lake to headwaters					X			X
All other permanent streams entering Utah Lake					X			X
Salt Creek, from Nephi diversion to headwaters				X				X
Current Creek, from Mona Reservoir to mouth of Coston Canyon				X				X
Burriston Creek, from Mona Reservoir to headwaters				X				X
Petersnet Creek and tributaries, from irrigation diversion above Maple Dell to headwaters			X	X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
TAH LAKE - JORDAN RIVER BASIN (continued)								
UTAH LAKE DRAINAGE (continued)								
Summit Creek and tributaries (above Santaquin), from U.S. National Forest boundary to headwaters			X	X				X
Rock Canyon Creek and tributaries (East of Provo) from U.S. National Forest boundary to headwaters	X			X				X
Dry Creek and tributaries (above Alpine), from U.S. National Forest boundary to headwaters			X	X				X
EVIER RIVER BASIN								
SEVIER RIVER DRAINAGE								
Sevier River and tributaries from Gunnison Bend Reservoir to Annabelle Diversion except the following tributaries:					X			X
Oak Creek and tributaries, Millard County				X				X
Pioneer Creek and tributaries, Millard County				X				X
Chalk Creek and tributaries, Millard County				X				X
Meadow Creek and tributaries, Millard County				X				X
Corn Creek and tributaries, Millard County				X				X
Maple Grove Springs, Millard County				X				X
Chicken Creek and tributaries, Juab County				X				X
San Pitch River and tributaries, from confluence with Sevier River to Highway U-132 crossing except the following tributaries:						X	X	X
Twelve Mile Creek and tributaries, from U.S. Forest Service boundary to headwaters				X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
SEVIER RIVER BASIN (continued)								
SEVIER RIVER DRAINAGE (continued)								
Six Mile Creek and tributaries, Sanpete County				X				X
Manti Creek and tributaries, from U.S. Forest Service boundary to headwaters				X				X
Ephraim Creek and tributaries, from U.S. Forest Service to headwaters				X				X
Oak Creek and tributaries, from U.S. Forest Service boundary near Spring City to headwaters				X				X
Fountain Green Creek and tributaries, from U.S. Forest Service boundary to headwaters				X				X
San Pitch River and tributaries, from Highway U-132 crossing to headwaters				X				X
Sevier River and tributaries, from Annabelle Diversion to headwaters				X				X
Beaver River and tributaries, from Minersville City to headwaters				X				X
Pinto Creek and tributaries, from Newcastle Reservoir to headwaters				X				X
Coal Creek and tributaries				X				X
Summit Creek and tributaries				X				X
Parowan Creek and tributaries				X				X
GREAT SALT LAKE BASIN								
WESTERN GREAT SALT LAKE DRAINAGE								
Grouse Creek and tributaries, Box Elder County				X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
GREAT SALT LAKE BASIN (continued)								
WESTERN GREAT SALT LAKE DRAINAGE (continued)								
Curlew (Deep) Creek, Box Elder County				X				X
Pine Creek and tributaries, Box Elder County				X				X
Dove Creek and tributaries, Box Elder County				X				X
Dunn Creek and tributaries, Box Elder County				X				X
North Willow Creek and tributaries, Tooele County				X				X
South Willow Creek and tributaries, Tooele County				X				X
Clover Creek and tributaries, Tooele County				X				X
Vernon Creek and tributaries, Tooele County				X				X
Ophir Creek and tributaries, Tooele County				X				X
Settlement Canyon Creek and tributaries, Tooele County				X				X
Middle Canyon Creek and tributaries, Tooele County				X				X
Basin Creek and tributaries, Juab and Tooele Counties				X				X
Indian Farm Creek and tributaries, Juab County				X				X
Thomas Creek and tributaries, Juab County				X				X
Cottonwood Creek and tributaries, Juab County				X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
GREAT SALT LAKE BASIN (continued)								
WESTERN GREAT SALT LAKE DRAINAGE (continued)								
Granite Creek and tributaries, Juab County				X				X
Trout Creek and tributaries, Juab County				X				X
Birch Creek and tributaries, Juab County				X				X
Deep Creek and tributaries, from Rock Spring Creek to headwaters, Juab and Tooele Counties				X				X
Lake Creek, from Garrison (Pruess) Reservoir to Nevada state line				X				X
Snake Creek and tributaries, Millard County					X			X
Hamlin Valley Wash and tributaries, from Nevada state line to headwaters (Beaver & Iron Counties)							X	X
FARMINGTON BAY DRAINAGE								
Corbett Creek and tributaries, from Highway US-89 to headwaters				X				X
Kays Creek and tributaries, from Farmington Bay to U.S. National Forest boundary						X		X
North Fork Kays Creek and tributaries, from U.S. National Forest boundary to headwaters				X				X
Middle Fork Kays Creek and tributaries, from U.S. National Forest boundary to headwaters	X			X				X
South Fork Kays Creek and tributaries, from U.S. National Forest boundary to headwaters	X			X				X
Snow Creek and tributaries						X		X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
GREAT SALT LAKE BASIN (continued)								
FARMINGTON BAY DRAINAGE (continued)								
Holmes Creek and tributaries, from Farmington Bay to U.S. National Forest boundary						X		X
Holmes Creek and tributaries, from U.S. National Forest boundary to headwaters	X			X				X
Baer Creek and tributaries, from Farmington Bay to Highway US-89					X			X
Baer Creek and tributaries, from Highway US-89 to headwaters				X				X
Shepard Creek and tributaries, from U.S. National Forest boundary to headwaters	X			X				X
Farmington Creek and tributaries, from Farmington Bay Waterfowl Management Area to U.S. National Forest boundary					X			X
Farmington Creek and tributaries, from U.S. National Forest boundary to headwaters	X			X				X
Rudd Creek and tributaries, from Davis aqueduct to headwaters				X				X
Steed Creek and tributaries, from U.S. National Forest boundary to headwaters	X			X				X
Davis Creek and tributaries, from Highway U.S.-89 to headwaters				X				X
Lone Pine Creek and tributaries, from Highway US-89 to headwaters				X				X
Ricks Creek and tributaries, from Highway I-15 to headwaters				X				X
Barnard Creek and tributaries, from Highway US-89 to headwaters				X				X
Parrish Creek and tributaries, from Davis Aquduct to headwaters				X				X
Deuel Creek and tributaries, from Davis Aqueduct to headwaters				X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
GREAT SALT LAKE BASIN (continued)								
FARMINGTON BAY DRAINAGE (continued)								
Stone Creek and tributaries, from Farmington Bay Waterfowl Management Area to U.S. National Forest boundary					X			X
Stone Creek and tributaries, from U.S. National Forest boundary to headwaters	X			X				X
Barton Creek and tributaries, from U.S. National Forest boundary to headwaters				X				X
Mill Creek and tributaries, from confluence with State Canal to U.S. National Forest boundary (Davis County)					X			X
Mill Creek and tributaries, from U.S. National Forest boundary to headwaters				X				X
North Canyon Creek and tributaries, from U.S. National Forest boundary to headwaters				X				X
SNAKE RIVER BASIN								
RAFT RIVER DRAINAGE (Box Elder County)								
Raft River and tributaries				X				X
Goose Creek and tributaries				X				X
Hardesty Creek and tributaries, from state line to headwaters				X				X
Birch Creek and tributaries, from state line to headwaters				X				X
Pole Creek and tributaries, from state line to headwaters				X				X
ALL IRRIGATION CANALS AND DITCHES STATEWIDE, EXCEPT AS OTHERWISE DESIGNATED								X
ALL DRAINAGE CANALS AND DITCHES STATEWIDE, EXCEPT AS OTHERWISE DESIGNATED (CLASS 6)								

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
NATIONAL WILDLIFE REFUGES AND STATE WATERFOWL MANAGEMENT AREAS								
Bear River National Wildlife Refuge, Box Elder County					X		X	
Brown's Park Waterfowl Management Area, Daggett County				X			X	
Clear Lake Waterfowl Management Area, Millard County						X	X	
Desert Lake Waterfowl Management Area, Emery County						X	X	
Farmington Bay Waterfowl Management Area, Davis and Salt Lake Counties						X	X	
Fish Springs National Wildlife Refuge, Juab County						X	X	
Harold Crane Waterfowl Management Area, Box Elder County						X	X	
Howard Slough Waterfowl Management Area, Weber County						X	X	
Locomotive Springs Waterfowl Management Area, Box Elder County					X		X	
Ogden Bay Waterfowl Management Area, Weber County						X	X	
Ouray National Wildlife Refuge, Uintah County					X		X	
Powell Slough Waterfowl Management Area, Utah County					X		X	
Public Shooting Grounds Waterfowl Management Area, Box Elder County						X	X	
Salt Creek Waterfowl Management Area, Box Elder County						X	X	
Stewart Lake Waterfowl Management Area, Uintah County					X		X	
Triple Springs Waterfowl Management Area, Tooele County					X		X	

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
LAKES AND RESERVOIRS (20 Acres or Larger)								
BEAVER COUNTY								
Indian Creek Reservoir			X	X				X
LaBaron Reservoir			X	X				X
Middle Kent's Lake			X	X				X
Minersville Reservoir			X	X			X	X
Puffer Lake			X	X				
BOX ELDER COUNTY								
Cutler Reservoir (including portion in Cache County)			X		X		X	X
Etna Reservoir				X				X
Lynn Reservoir				X				X
Mantua Reservoir			X	X				X
Willard Bay Reservoir			X		X		X	X
CACHE COUNTY								
Hyrum Reservoir			X	X				X
Newton Reservoir			X		X			X
Porcupine Reservoir			X	X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
LAKES AND RESERVOIRS (20 Acres or Larger) (continued)								
CACHE COUNTY (continued)								
Pelican Pond			X	X				
CARBON COUNTY								
Olsen Pond			X		X			X
Scofield Reservoir	X		X	X				X
DAGGETT COUNTY								
Browne Lake			X	X				X
Daggett Lake			X	X				X
Flaming Borge Reservoir (Utah portion)	X	X	X	X				X
Sheep Creek Reservoir			X	X				X
DAVIS COUNTY								
Holmes Creek Reservoir					X			X
DUCHESNE COUNTY								
Atwine Lake			X	X				X
Atwood Lake			X	X				X
Big Sandwash Reservoir			X	X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
LAKES AND RESERVOIRS (20 Acres or Larger) (continued)								
DUCHESNE COUNTY (continued)								
Bluebell Lake			X	X				X
Brown Duck Reservoir			X	X				X
Chain Lake #1			X	X				X
Chepeta Lake			X	X				X
Clements Reservoir			X	X				X
Cleveland Lake			X	X				X
Cliff Lake			X	X				X
Continent Lake			X	X				X
Crater Lake			X	X				X
Crescent Lake			X	X				X
Daynes Lake			X	X				X
Dean Lake			X	X				X
Doll Lake			X	X				X
Drift Lake			X	X				X
Elbow Lake			X	X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
LAKES AND RESERVOIRS (20 Acres or Larger) (continued)								
DUCHESNE COUNTY (continued)								
Farmer's Lake			X	X				X
Fern Lake			X	X				X
Fish Hatchery Lake			X	X				X
Five Point Reservoir			X					X
Fox Lake Reservoir			X	X				X
Governor's Lake			X	X				X
Granddaddy Lake			X	X				X
Jean Lake			X	X				X
Jordan Lake			X	X				X
Kidney Lake			X	X				X
Kidney Lake West			X	X				X
Midview Reservoir			X		X			X
Mill Reservoir			X	X				X
Mirror Lake			X	X				X
Mohawk Lake			X	X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
LAKES AND RESERVOIRS (20 Acres or Larger) (continued)								
DUCHESNE COUNTY (continued)								
Moon Lake	X		X	X				X
North Star Lake			X	X				X
Palisade Lake			X	X				X
Pine Island Lake			X	X				X
Pinto Lake			X	X				X
Pole Creek Lake			X	X				X
Potter's Lake			X	X				X
Powell Lake			X	X				X
Quealt Lake			X	X				X
Rainbow Lake			X	X				X
Red Creek Reservoir			X	X				X
Scout Lake			X	X				X
Spirit Lake			X	X				X
Starvation Reservoir	X		X	X				X
Superior Lake			X	X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
LAKES AND RESERVOIRS (20 Acres or Larger) (continued)								
DUCHESNE COUNTY (continued)								
Swasey Hole Lake			X	X				X
Taylor Lake			X	X				X
Thompson Lake			X	X				X
Timothy Reservoir #1			X	X				X
Timothy Reservoir #6			X	X				X
Timothy Reservoir #7			X	X				X
EMERY COUNTY								
Cleveland Reservoir			X	X				X
Duck Fork Reservoir			X	X				X
Electric Lake				X				X
Ferron Reservoir			X	X				X
Huntington Reservoir			X	X				X
Huntington North Reservoir			X	X				X
Joe's Valley Reservoir			X	X				X
Miller's Flat Reservoir			X	X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
LAKES AND RESERVOIRS (20 Acres or Larger) (continued)								
GARFIELD COUNTY								
Barney Lake			X	X				X
Cyclone Lake			X	X				X
Deer Lake			X	X				X
Jacob's Valley Reservoir						X	X	X
Lower Bowns Reservoir			X	X				X
North Creek Reservoir			X	X				X
Panguitch Lake			X	X				X
Oak Creek Reservoir (Upper Bowns)			X	X				X
Pleasant Lake			X	X				X
Posey Lake			X	X				X
Purple Lake			X	X				X
Rare Lake			X	X				X
Row Lake #3			X	X				X
Row Lake #7			X	X				X
Spectacle Reservoir			X	X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
LAKES AND RESERVOIRS (20 Acres or Larger) (continued)								
GARFIELD COUNTY (continued)								
Tropic Reservoir			X	X				X
West Deer Lake			X	X				X
Wide Hollow Reservoir			X	X				X
IRON COUNTY								
Newcastle Reservoir			X	X				X
Paragonah Reservoir			X	X				X
Yankee Meadow Reservoir			X	X				X
JUAB COUNTY								
Chicken Creek Reservoir			X			X	X	X
Mona Reservoir			X		X			X
Yuba Reservoir			X		X			X
KANE COUNTY								
Navajo Lake			X	X				X
MILLARD COUNTY								
DMAD Reservoir			X		X			X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
LAKES AND RESERVOIRS (20 Acres or Larger) (continued)								
MILLARD COUNTY (continued)								
Fools Creek Reservoir			X			X	X	X
Garrison Reservoir (Pruess Lake)					X			X
Gunnison Bend Reservoir			X		X			X
MORGAN COUNTY								
East Canyon Reservoir			X	X				X
Lost Creek Reservoir			X	X				X
PIUTE COUNTY								
Lower Boxcreek Reservoir			X	X				X
Manning Meadows Reservoir			X	X				X
Otter Creek Reservoir			X	X				X
Piute Reservoir			X	X				X
Upper Boxcreek Reservoir			X	X				X
RICH COUNTY								
Bear Lake (Utah portion)		X	X	X				X
Birch Creek Reservoir			X	X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS	AQUATIC WILDLIFE					AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
LAKES AND RESERVOIRS (20 Acres or Larger) (continued)								
RICH COUNTY (continued)								
Little Creek Reservoir			X	X				
Upper Woodruff Reservoir			X	X				
SALT LAKE COUNTY								
Lake Mary	X			X				
Mountain Dell Reservoir	X							
SAN JUAN COUNTY								
Blanding Reservoir #4	X		X	X				X
Dark Canyon Lake	X		X	X				X
Lake Powell (Utah portion)	X	X	X		X			X
SANPETE COUNTY								
Fairview Reservoir			X	X				X
Gooseberry Reservoir			X	X				X
Gunnison Reservoir			X			X		X
Island Lake			X	X				X
Palisade Reservoir			X	X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS	AQUATIC WILDLIFE					AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
LAKES AND RESERVOIRS (20 Acres or Larger) (continued)								
SANPETE COUNTY (continued)								
Rolfson Reservoir						X		X
Twin Lakes			X	X				X
Willow Lake			X	X				X
SEVIER COUNTY								
Big Lake			X	X				X
Farnsworth Lake			X	X				X
Fish Lake			X	X				X
Forsyth Reservoir			X	X				X
Johnson Reservoir			X	X				X
Koosharem Reservoir			X	X				X
Mill Meadow Reservoir			X	X				X
Redmond Lake			X		X			X
Rex Reservoir			X	X				X
Salina Reservoir			X	X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
LAKES AND RESERVOIRS (20 Acres or Larger) (continued)								
SUMMIT COUNTY								
Abes Lake			X	X				
Alexander Lake				X				X
Amethyst Lake			X	X				X
Beaver Lake			X	X				X
Big Elk Reservoir			X	X				X
Blanchard Lake			X	X				X
China Lake			X	X				X
Cliff Lake			X	X				X
Clyde Lake			X	X				X
Coffin Lake			X	X				X
Cuberant Lake			X	X				X
East Red Castle Lake			X	X				X
Echo Reservoir			X	X				X
Fish Lake			X	X				X
Fish Reservoir			X	X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
LAKES AND RESERVOIRS (20 Acres or Larger) (continued)								
SUMMIT COUNTY (continued)								
Haystack Reservoir #1			X	X				X
Henry's Fork Reservoir			X	X				X
Hoop Lake			X	X				X
Island Lake			X	X				X
Island Reservoir			X	X				X
Jesson Lake			X	X				X
Kamas Lake			X	X				X
Lily Lake			X	X				X
Lost Reservoir			X	X				X
Lower Red Castle Lake			X	X				X
Marsh Lake			X	X				X
McPheters Lake			X	X				X
Meadow Reservoir			X	X				X
Notch Mountain Reservoir			X	X				X
Ryder Lake			X	X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
LAKES AND RESERVOIRS (20 Acres or Larger) (continued)								
SUMMIT COUNTY (continued)								
Sand Reservoir			X	X				X
Scow Lake			X	X				X
Smith Moorehouse Reservoir			X	X				X
Star Lake			X	X				X
Tamarack Lake			X	X				X
Trial Reservoir			X	X				X
Upper Lyman Lake			X	X				X
Upper Red Castle Lake			X	X				X
Wall Lake Reservoir			X	X				X
Wanship Reservoir			X	X				X
Washington Reservoir			X	X				X
Whitney Reservoir			X	X				X
TOOELE COUNTY								
Blue Lake			X	X				X
Clear Lake			X	X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
LAKES AND RESERVOIRS (20 Acres or Larger) (continued)								
TOOELE COUNTY (continued)								
Horseshoe Lake			X		X			X
Kanaka Lake			X		X			X
Settlement Canyon Reservoir			X	X				X
UINTAH COUNTY								
Brough Reservoir			X	X				X
Calder Reservoir			X	X				X
Crouse Reservoir			X	X				X
East Park Reservoir			X	X				X
Fish Lake			X	X				X
Goose Lake #2			X	X				X
Oaks Park Reservoir			X	X				X
Paradise Park Reservoir			X	X				X
Pelican Lake			X		X			X
Steinaker Reservoir			X	X				X
Towave Reservoir			X	X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
LAKES AND RESERVOIRS (20 Acres or Larger) (continued)								
UINTAH COUNTY (continued)								
Weaver Reservoir			X	X				X
Whiterocks Lake			X	X				X
Workman Lake			X	X				X
UTAH COUNTY								
Silver Flat Lake Reservoir			X	X				X
Utah Lake			X		X		X	X
WASATCH COUNTY								
Deer Creek Reservoir	X		X	X				X
Strawberry Reservoir	X		X	X				X
WASHINGTON COUNTY								
Baker Reservoir			X	X				X
Gunlock Reservoir	X		X		X			X
Ivan's Pond			X		X			X
Kolob Reservoir			X	X				X
Lower Enterprise Reservoir			X	X				X

CLASSIFICATION OF WATERS OF THE STATE	USE CLASSES							
	DOMESTIC SOURCE	RECREATION AND ESTHETICS		AQUATIC		WILDLIFE		AGRICULTURE
	1C	2A	2B	3A	3B	3C	3D	4
LAKES AND RESERVOIRS (20 Acres or Larger) (continued)								
WASHINGTON COUNTY (continued)								
Upper Enterprise Reservoir			X	X				X
WAYNE COUNTY								
Blind Lake			X	X				X
Donkey Reservoir			X	X				X
Fish Creek Reservoir			X	X				X
WEBER COUNTY								
Causey Reservoir			X	X				X
Pineview Reservoir	X		X	X				X
GREAT SALT LAKE (CLASS 6) Box Elder, Davis, Salt Lake, Tooele and Weber Counties								

APPENDIX C

ANTI-DEGRADATION SEGMENTS

In addition to assigned use classes, the following surface waters of the State are hereby designated as anti-degradation segments:

Logan River and tributaries, from lower U.S. National Forest boundary near mouth of Logan Canyon to headwaters

Blacksmith Fork and tributaries, from lower U.S. National Forest boundary near mouth of Blacksmith Fork Canyon to headwaters (Cache County)

Burch Creek and tributaries, from Harrison Boulevard in Ogden to headwaters

Spring Creek and tributaries, from U.S. National Forest boundary to headwaters (Weber County)

Holmes Creek and tributaries, from Highway US-89 to headwaters (Davis County)

Farmington Creek and tributaries, from Height Bench Canal diversion to headwaters (Davis County)

Shepard Creek and tributaries, from Height Bench diversion to headwaters (Davis County)

Steed Creek and tributaries, from Highway US-89 to headwaters (Davis County)

Stone Creek and tributaries, from U.S. National Forest boundary to headwaters (Davis County)

City Creek and tributaries, from City Creek Water Treatment Plant to headwaters (Salt Lake County)

Emigration Creek and tributaries, from Hogle Zoo to headwaters (Salt Lake County)

Red Butte Creek and tributaries, from Foothill Boulevard in Salt Lake City to headwaters

Parley's Creek and tributaries, from 13th East in Salt Lake City to headwaters

Mill Creek and tributaries, from Wasatch Boulevard in Salt Lake City to headwaters

Big Cottonwood Creek and tributaries, from Wasatch Boulevard in Salt Lake City to headwaters

Little Cottonwood Creek and tributaries, from Metropolitan Water Treatment Plant lower diversion to headwaters (Salt Lake County)

APPENDIX C

ANTI-DEGRADATION SEGMENTS

(continued)

Little Willow Creek and tributaries, from U.S. National Forest boundary to headwaters (Salt Lake County)

Bell Canyon Creek and tributaries, from Lower Bells Canyon Reservoir to headwaters (Salt Lake County)

South Fork of Dry Creek and tributaries, from Draper Irrigation Company diversion to headwaters (Salt Lake County)

Upper Falls drainage above Provo City diversion (Utah County)

Bridal Veil Falls drainage above Provo City diversion (Utah County)

Lost Creek and tributaries, above Provo City diversion (Utah County)

East Fork of Sevier River and tributaries, from Tropic diversion to headwaters

Calf Creek and tributaries, from confluence with Escalante River to headwaters

Sand Creek and tributaries, from confluence with Escalante River to headwaters

Mamie Creek and tributaries, from confluence with Escalante River to headwaters

Deer Creek and tributaries, from confluence with Boulder Creek to headwaters (Garfield County)

Clear Creek and tributaries, from state line to headwaters (Box Elder County)

All surface waters geographically located within the outer boundaries of U.S. National Forests whether on public or private lands

All surface waters on Public land on the Deep Creek Mountains

APPENDIX D

Numerical standards for protection of Class 3C water use in Table D-1 apply only to the segments listed below:

Kanab Creek and tributaries, from state line to irrigation diversion at confluence with Reservoir Canyon

Paria River and tributaries, from state line to headwaters

Dirty Devil River and tributaries, from Lake Powell to confluence with Fremont River

Fremont River and tributaries, from confluence with Muddy River to Capitol Reef National Park

Muddy River and tributaries, from confluence with Fremont River to Highway U-10 crossing

Dolores River and tributaries, from confluence with Colorado River to state line

San Rafael River and tributaries, from confluence with Green River to confluence with Ferron Creek

Price River and tributaries, from confluence with Green River to Castle Gate below Price City Water Treatment Plant intake

White River and tributaries, from confluence with Green River to state line

Virgin River and tributaries, from state line to headwaters except as listed in APPENDIX B

Malad River and tributaries, from confluence with Bear River to state line

Jordan River, from Farmington Bay to North Temple Street in Salt Lake City

Weber River, from Great Salt Lake to Slaterville diversion

APPENDIX D

TABLE D-1

NUMERICAL STANDARDS FOR PROTECTION OF CLASS 3C WATER USE

Physical	
Minimum D.O. (mg/l)	5*
Maximum Temperature	27°C**
Maximum Temperature Change	4°C
pH	6.5-9.0
Turbidity Increase (NTU)	15****
Chemical (Maximum mg/l)	
Cadmium, dissolved	0.004
Chromium, dissolved	0.1
Copper, dissolved	0.01
Cyanide	0.005
Iron, dissolved	1.0
Lead, dissolved	0.05
Mercury, total	0.0005
Phenol	0.01
Selenium, dissolved	0.05
Silver, dissolved	0.01
Zinc, dissolved	0.05
Chlorine	0.2
H_2S	0.02
Radiological (Maximum pCi/l)	
Gross Alpha	15
Gross Beta	30
Pesticides (Maximum mg/l)	
Endrin	0.004
Lindane	0.01
Methoxychlor	0.03
Toxaphene	0.005
Pollution Indicators* **	
BOD (mg/l)	5.0
NO_3 as N (mg/l)	4.0

*Minimum D.O. (mg/l) limitation is 4 in the following segments:
San Rafael River and tributaries, from confluence with Green River to confluence with Ferron Creek
Malad River and tributaries, from confluence with Bear River to state line

**Maximum temperature limitation is 35°C in the following segments:
Virgin River and tributaries from state line to headwaters except as listed in APPENDIX B

***Investigations should be conducted to develop more information where these pollution indicator levels are exceeded

****At background levels of 150 NTU's or greater, a 10% increase limit will be used instead of the numeric values. Short term variances may be considered on a case-by-case basis